Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 24 Feb 2023 until 23:59 on Saturday 25 Feb 2023

Forecast Issued on Thursday 23 Feb 2023 at 16:41

Confidence: Medium for clearance of rain and cloud Friday morning then high for plenty of dry, settled weather around through the remainder of the forecast period as a high becomes centred over Scotland. Details lower regarding the often large, but mainly above summit level, cloud.

Headline for Friday 24 Feb 2023: Early rain then sunny spells and a few showers. Cold northerly winds.

Mountain weather hazards on Friday 24 Feb 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
20%	40%	60%	40%	20%	20%	20%	20%

Forecast for Friday 24 Feb 2023

Weather: Cloudy overnight outbreaks of mainly light rain spreading south. Rain clearing by mid-morning with cloud then breaking to leave a mainly dry day with sunny spells, just the odd wintry shower possible especially across eastern hills. Mainly dry through the evening with, especially in west, some clear spells.

Chance of cloud-free hill tops above 600m: Little chance improving to 75% by late morning.

Low cloud and visibility: Periods or persistent above about 450-600m becoming more occasional above 600m by late morning. Away from cloud, visibility several kilometres in early rain soon becoming very good, falling only briefly in any showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 24 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/23 SW	18/24 W	19/25 W	17/23 NW	18/25 N	18/26 NE	17/25 NE	18/26 NE	16/24 N
300	10/14 SW	13/20 W	14/21 W	11/18 NW	14/21 N	14/22 NE	12/19 NE	12/20 N	10/18 N
Valley	4/11 SW	7/18 W	10/21 NW	8/18 NW	10/21 N	11/22 NE	8/20 NE	8/19 N	6/17 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	2/-3	3/-2	4/-1	3/-2	2/-3	0/-5	-0/-6	-1/-7
300	2/-1	4/0	5/1	6/2	6/3	6/2	4/0	3/-2	2/-2
Valley	3/1	5/2	6/2	6/4	8/5	7/4	5/2	3/0	2/-0
Freezing Level*	900m	1100m	1300m	1200m	900m	700m	600m	500m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Increasing chill effect through the evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 23 Feb 2023	2mm	5.6mm	5.6mm

Forecast for Saturday 25 Feb 2023

Weather: Mainly dry with clear then sunny spells, the best of these across more western hills. Risk of a few light snow showers in the east.

Maximum wind: Northerly or northeasterly 15-20mph

Chance of cloud-free hill tops above 600m: Close to 100% in west, but nearer 75% in east.

Low cloud and visibility: Occasional cloud above about 600m in the east, but generally little or no cloud below the summits. Away from cloud visibility very good, falling only briefly in any showers in east.

Temperature: **Valleys:** Around Zero or plus 1 Celsius at dawn rising to plus 7 or 8 Celsius by early afternoon
At 600m: Around minus 1 Celsius
Freezing level: Around 400m

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